Chris Xu

List of Publications by Year
in descending order

258 papers	13,978 citations	41344 49 h-index	28297 105 g-index
265 all docs	265 docs citations	265 times ranked	11058 citing authors

#	Article	IF	Citations
1	Intravital imaging of the murine subventricular zone with three photon microscopy. Cerebral Cortex, 2022, 32, 3057-3067.	2.9	2
2	Multiphoton imaging of neural structure and activity in Drosophila through the intact cuticle. ELife, 2022, 11, .	6.0	13
3	Deep-Tissue Three-Photon Fluorescence Microscopy in Intact Mouse and Zebrafish Brain. Journal of Visualized Experiments, 2022, , .	0.3	4
4	Intravital three-photon microscopy allows visualization over the entire depth of mouse lymph nodes. Nature Immunology, 2022, 23, 330-340.	14.5	26
5	Synchronized time-lens source for coherent Raman scattering microscopy. , 2022, , 257-271.		0
6	An adaptive excitation source for multiphoton deep and fast imaging. , 2022, , .		0
7	Imaging deeper than the transport mean free path with multiphoton microscopy. Biomedical Optics Express, 2022, 13, 452.	2.9	18
8	Spatially resolved measurements of ballistic and total transmission in microscale tissue samples from 450â€…nm to 1624â€…nm. Biomedical Optics Express, 2022, 13, 438.	2.9	4
9	Neurophotonic Tools for Microscopic Measurements and Manipulation: Status Report. Neurophotonics, 2022, 9, 013001.	3.3	17
10	Three-Photon Adaptive Optics for Mouse Brain Imaging. Frontiers in Neuroscience, 2022, 16, .	2.8	13
11	In vivo Shortwave Infrared (SWIR) Confocal Fluorescence Imaging of Deep Mouse Brain with a Single-Photon Superconducting Nanowire Detector. , 2021, , .		1
12	Memorial Viewpoint for Watt W. Webb: An Experimentalistâ€™s Experimentalist. Journal of Physical Chemistry B, 2021, 125, 2793-2795.	2.6	1
13	Simultaneous multimodal optical coherence and three-photon microscopy of the mouse brain in the 1700 nm optical window in vivo. , 2021, , .		0
14	Multicolor three-photon fluorescence imaging with single-wavelength excitation deep in mouse brain. Science Advances, 2021, 7, .	10.3	89
15	Theoretical and experimental investigation of the depth limit of three-photon microscopy. , 2021, , .		1
16	Closed-loop wavefront sensing and correction in the mouse brain with computed optical coherence microscopy. Biomedical Optics Express, 2021, 12, 4934.	2.9	1
17	Short-Wave Infrared Confocal Fluorescence Imaging of Deep Mouse Brain with a Superconducting Nanowire Single-Photon Detector. ACS Photonics, 2021, 8, 2800-2810.	6.6	34
18	Shot noise limits on binary detection in multiphoton imaging. Biomedical Optics Express, 2021, 12, 7033.	2.9	5

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19	Spatially resolved optical property measurements of microscale biological samples from 450nm to 1630nm. , 2021, , .		0
20	Label-free Map of Adult Danionella dracula Brain for in vivo Navigation Using Third Harmonic Generation Microscopy. , 2021, , .		2
21	An adaptive excitation source for high-speed multiphoton microscopy. Nature Methods, 2020, 17, 163-166.	19.0	91
22	Fabrication of Injectable Micro-Scale Opto- Electronically Transduced Electrodes (MOTEs) for Physiological Monitoring. Journal of Microelectromechanical Systems, 2020, 29, 720-726.	2.5	20
23	GHz Ultrasonic Chip-Scale Device Induces Ion Channel Stimulation in Human Neural Cells. Scientific Reports, 2020, 10, 3075.	3.3	14
24	Deep three-photon imaging of the brain in intact adult zebrafish. Nature Methods, 2020, 17, 605-608.	19.0	64
25	Microscopic sensors using optical wireless integrated circuits. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9173-9179.	7.1	53
26	Three-photon neuronal imaging in deep mouse brain. Optica, 2020, 7, 947.	9.3	97
27	Quantitative analysis of 1300-nm three-photon calcium imaging in the mouse brain. ELife, 2020, 9, .	6.0	76
28	Video-rate three-photon imaging of awake mouse brain. , 2020, , .		0
29	High-speed, large field-of-view and deep imaging with an adaptive excitation source. , 2020, , .		0
30	Whole Brain Optical Access in Adult Vertebrates: Two- and Three-Photon Imaging in a Miniature Fish, Danionella priapus. , 2020, , .		3
31	Multi-color Three-photon Fluorescence Imaging Deep in Mouse Brain with Enhanced Cross Section. , 2020, , .		0
32	Multiphoton imaging provides a superior optical biopsy to that of confocal laser endomicroscopy imaging for colorectal lesions. Endoscopy, 2019, 51, 174-178.	1.8	15
33	Real-time in vivo optical biopsy using confocal laser endomicroscopy to evaluate distal margin in situ and determine surgical procedure in low rectal cancer. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 2332-2338.	2.4	7
34	Dynamic visualization of the recovery of mouse hepatobiliary metabolism to acetaminophenâ€overdose damage. Journal of Biophotonics, 2019, 12, e201800296.	2.3	0
35	Impact of the emission wavelengths on in vivo multiphoton imaging of mouse brains. Biomedical Optics Express, 2019, 10, 1905.	2.9	26
36	GCaMP6 Î”F/F dependence on the excitation wavelength in 3-photon and 2-photon microscopy of mouse brain activity. Biomedical Optics Express, 2019, 10, 3343.	2.9	16

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37	Simultaneous Two- and Three-photon Imaging of Multilayer Neural Activities with Remote Focusing. , 2019, , .		4
38	Comparison of emission wavelengths for in vivo deep imaging of mouse brain. , 2019, , .		0
39	In vivo label-free confocal imaging of adult mouse brain up to 1.3-mm depth with NIR-II illumination. , 2019, , .		0
40	Time-lens based multi-color background-free coherent anti-Stokes Raman scattering microscopy. , 2019, , .		0
41	Multiple Regions of Interest on Multiparametric Magnetic Resonance Imaging are Not Associated with Increased Detection of Clinically Significant Prostate Cancer on Fusion Biopsy. Journal of Urology, 2018, 200, 559-563.	0.4	4
42	Correcting the limited view in opticalâ€resolution photoacoustic microscopy. Journal of Biophotonics, 2018, 11, e201700196.	2.3	15
43	Three-photon imaging of mouse brain structure and function through the intact skull. Nature Methods, 2018, 15, 789-792.	19.0	257
44	Rapid volumetric imaging with Bessel-Beam three-photon microscopy. Biomedical Optics Express, 2018, 9, 1992.	2.9	58
45	Investigation of the long wavelength limit of soliton self-frequency shift in a silica fiber. Optics Express, 2018, 26, 19637.	3.4	42
46	Fiber-based tunable repetition rate source for deep tissue two-photon fluorescence microscopy. Biomedical Optics Express, 2018, 9, 2304.	2.9	60
47	Comparing the effective attenuation lengths for long wavelength in vivo imaging of the mouse brain. Biomedical Optics Express, 2018, 9, 3534.	2.9	80
48	The Role of Systematic and Targeted Biopsies in Light of Overlap on Magnetic Resonance Imaging Ultrasound Fusion Biopsy. European Urology Oncology, 2018, 1, 263-267.	5.4	17
49	In vivo label-free confocal imaging of the deep mouse brain with long-wavelength illumination. Biomedical Optics Express, 2018, 9, 6545.	2.9	40
50	Multi-color background-free coherent anti-Stokes Raman scattering microscopy using a time-lens source. Optics Express, 2018, 26, 34474.	3.4	9
51	An adaptive excitation source for multiphoton imaging. , 2018, , .		0
52	Comparison of excitation wavelengths for in vivo deep imaging of mouse brain. , 2018, , .		0
53	In vivo three-photon imaging of deep mouse cerebellum. , 2018, , .		1
54	In vivo three-photon imaging of activity of GCaMP6-labeled neurons deep in intact mouse brain. Nature Methods, 2017, 14, 388-390.	19.0	434

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55	In vivo three-photon activity imaging of GCaMP6-labeled neurons in deep cortex and the hippocampus of the mouse brain. Proceedings of SPIE, 2017, , .	0.8	0
56	Nonlinear adaptive optics: aberration correction in three photon fluorescence microscopy for mouse brain imaging. , 2017, , .		2
57	In vivo 3-photon Imaging of the Mouse Brain. , 2017, , .		0
58	Characterization and adaptive compression of a multi-soliton laser source. Optics Express, 2017, 25, 320.	3.4	1
59	Quantitative Comparison of Two-photon and Three-photon Activity Imaging of GCaMP6s-labeled Neurons in vivo in the Mouse Brain. , 2017, , .		7
60	Two-photon Shackâ€"Hartmann wavefront sensor. Optics Letters, 2017, 42, 1141.	3.3	6
61	Applying Fiber Optic and Telecom Technologies for Multiphoton Biomedical Imaging. , 2017, , .		0
62	Generation of high-pulse energy, wavelength-tunable, femtosecond pulse at 1600-2520 nm and its second-harmonic for multiphoton imaging. , 2017, , .		1
63	A Two-Photon Shack-Hartmann Wavefront Sensor for The Near-Infrared Wavelength. , 2017, , .		0
64	Direct visualization of functional heterogeneity in hepatobiliary metabolism. , 2017, , .		0
65	8 -+. Proceedings of SPIE, 2017, , .	0.8	0
66	Direct visualization of functional heterogeneity in hepatobiliary metabolism using 6-CFDA as model compound. Biomedical Optics Express, 2016, 7, 3574.	2.9	7
67	Nonresonant background suppression for coherent anti-Stokes Raman scattering microscopy using a multi-wavelength time-lens source. Optics Express, 2016, 24, 26687.	3.4	13
68	Generation of intense 100â€‰â€‰fs solitons tunable from 2 to 43â€‰â€‰Î¼m in fluoride fiber. Optica, 2016, 3, 948.	9.3	126
69	Erythrocytes Are Oxygen-Sensing Regulators of the Cerebral Microcirculation. Neuron, 2016, 91, 851-862.	8.1	129
70	Intense mid-infrared few-cycle soliton generation covering 2â€"4.3 Âµm in fluoride fiber. , 2016, , .		0
71	High pulse energy, tunable repetition rate source for two-photon microscopy. , 2016, , .		0
72	Three-Photon Fluorescence Adaptive Optics for In-Vivo Mouse Brain Imaging. , 2016, , .		1

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73	Tunable few-cycle soliton generation up to 3.6 Î¼m in fluoride fiber. , 2016, , .		0
74	Multi-soliton pulse characterization and compression. , 2016, , .		0
75	Ultra Small Cross-Section Photonic Probes for Deep Tissue Non-Invasive Light Delivery. , 2016, , .		0
76	Multi-soliton pulse characterization and compression. , 2016, , .		0
77	Introduction to the bio-optics: design and application. Biomedical Optics Express, 2015, 6, 4899.	2.9	2
78	In vivo Three Photon Imaging of Neuronal Activities from Hippocampus in Intact Mouse Brain. Microscopy and Microanalysis, 2015, 21, 1721-1722.	0.4	0
79	In vivo multiphoton imaging of mouse brain. , 2015, , .		0
80	Adaptive optics in multiphoton microscopy: comparison of two, three and four photon fluorescence. Optics Express, 2015, 23, 31472.	3.4	70
81	Multiphoton Excitation of Fluorescent Probes. Cold Spring Harbor Protocols, 2015, 2015, pdb.top086116.	0.3	15
82	Femtosecond laser bone ablation with a high repetition rate fiber laser source. Biomedical Optics Express, 2015, 6, 32.	2.9	37
83	Dispersion compensation in three-photon fluorescence microscopy at 1,700 nm. Biomedical Optics Express, 2015, 6, 1392.	2.9	42
84	In Vivo Femtosecond Ablation and Imaging in Bone with a High Repetition Rate Source. , 2015, , .		0
85	Dispersion Compensation in Three-Photon Fluorescence Microscopy at 1,700 nm for in vivo Imaging. , 2015, , .		0
86	Adaptive Optics in Three-Photon Fluorescence Microscopy. , 2015, , .		3
87	In Vivo Multiphoton Imaging of Mouse Brain. , 2015, , .		0
88	Tunable dual color source for multiphoton imaging. , 2015, , .		0
89	In vivo Three-photon Imaging of Brain Activity from Cortical and Subcortical Neurons in Intact Mouse Brain. , 2015, , .		0
90	Nonlinear Deep Tissue Imaging with Advanced Soliton Sources. , 2015, , .		0

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91	Nonlinear Deep Tissue Imaging with Advanced Soliton Sources. , 2015, , .		0
92	Multiphoton GRIN Endoscope for Evaluation of Human Prostatic Tissue Ex Vivo. , 2014, , .		0
93	Experimental Demonstration of Soliton Cascade in Higher-Order-Mode Fibers. , 2014, , .		0
94	In Vivo Three-photon Calcium Imaging of Brain Activity from Layer 6 Neurons in Mouse Brain. , 2014, , .		12
95	Multiphoton Imaging of Mouse Brain In Vivo. , 2014, , .		0
96	Wavefront sensorless adaptive optics temporal focusing-based multiphoton microscopy. Biomedical Optics Express, 2014, 5, 1768.	2.9	27
97	Nonlinear structured-illumination enhanced temporal focusing multiphoton excitation microscopy with a digital micromirror device. Biomedical Optics Express, 2014, 5, 2526.	2.9	50
98	Measurements of multiphoton action cross sections for multiphoton microscopy. Biomedical Optics Express, 2014, 5, 3427.	2.9	132
99	Laser Sources for Deep Tissue Multiphoton Imaging. , 2014, , .		0
100	Multiphoton gradient index endoscopy for evaluation of diseased human prostatic tissue<i>ex vivo</i>. Journal of Biomedical Optics, 2014, 19, 116011.	2.6	17
101	Advanced Fiber Soliton Sources for Nonlinear Deep Tissue Imaging in Biophotonics. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 50-60.	2.9	70
102	Experimental Demonstration of Soliton Cascade in Higher-Order-Mode Fibers. IEEE Photonics Technology Letters, 2014, 26, 301-304.	2.5	0
103	Multi-MW Soliton Pulse Generation at 1700 nm in a Photonic Crystal Rod. , 2014, , .		0
104	Intravital Multiphoton Endoscopy. , 2014, , 305-370.		2
105	Measurements of Two-, Three-, and Four-Photon Excitation Action Cross Sections. , 2014, , .		0
106	Frequency-multiplexed in vivo multiphoton phosphorescence lifetime microscopy. Nature Photonics, 2013, 7, 33-37.	31.4	97
107	Multiphoton microscopy to identify and characterize the transition zone in a mouse model of Hirschsprung disease. Journal of Pediatric Surgery, 2013, 48, 1288-1293.	1.6	8
108	Transverse Field Dispersion in the Generalized Nonlinear SchrÃ¶dinger Equation: Four Wave Mixing in a Higher Order Mode Fiber. Journal of Lightwave Technology, 2013, 31, 3425-3431.	4.6	9

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109	In vivo three-photon microscopy of subcortical structures within an intact mouse brain. Nature Photonics, 2013, 7, 205-209.	31.4	1,225
110	Nanotools for Neuroscience and Brain Activity Mapping. ACS Nano, 2013, 7, 1850-1866.	14.6	323
111	High resolution, large field-of-view endomicroscope with optical zoom capability. , 2013, , .		0
112	Special Section Guest Editorial: Multiphoton Microscopy: Technical Innovations, Biological Applications, and Clinical Diagnostics. Journal of Biomedical Optics, 2013, 18, 031101.	2.6	3
113	Higher-order-mode fiber optimized for energetic soliton propagation: erratum. Optics Letters, 2013, 38, 3185.	3.3	0
114	Three-photon excited fluorescence imaging of unstained tissue using a GRIN lens endoscope. Biomedical Optics Express, 2013, 4, 652.	2.9	40
115	Dual modality endomicroscope with optical zoom capability. Biomedical Optics Express, 2013, 4, 1494.	2.9	21
116	Miniature varifocal objective lens for endomicroscopy. Optics Letters, 2013, 38, 3103.	3.3	19
117	Two-photon fluorescence imaging of intracellular hydrogen peroxide with chemoselective fluorescent probes. Journal of Biomedical Optics, 2013, 18, 106002.	2.6	18
118	Timeâ€lens based hyperspectral stimulated Raman scattering imaging and quantitative spectral analysis. Journal of Biophotonics, 2013, 6, 815-820.	2.3	18
119	In vivo three-photon imaging of subcortical structures of an intact mouse brain using quantum dots. , 2013, , .		4
120	Multi-color femtosecond source for simultaneous excitation of multiple fluorescent proteins in two-photon fluorescence microscopy. Proceedings of SPIE, 2013, , .	0.8	3
121	Spectroscopic SRS imaging with a time-lens source synchronized to a femtosecond pulse shaper. , 2013, , .		1
122	Tunable megawatt soliton pulse generation covering the optimum wavelength window for tissue penetration. , 2013, , .		3
123	In Vivo Deep Penetration Three-Photon Imaging of Mouse Brain through an Unthinned, Intact Skull. , 2013, , .		2
124	Three-Photon Excited Fluorescence Imaging of Unstained Tissue Using a GRIN Endoscope. , 2013, , .		0
125	A Miniature Endomicroscope with Optical Zoom Capability. , 2013, , .		1
126	Frequency Multiplexed in vivo Multiphoton Phosphorescence Lifetime Microscopy. , 2013, , .		0

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127	Multiphoton Tomographic Imaging: A Potential Optical Biopsy Tool for Detecting Gastrointestinal Inflammation and Neoplasia. Cancer Prevention Research, 2012, 5, 1280-1290.	1.5	36
128	Multifocal multiphoton endoscope. Optics Letters, 2012, 37, 1349.	3.3	40
129	In vivo imaging of unstained tissues using a compact and flexible multiphoton microendoscope. Journal of Biomedical Optics, 2012, 17, 1.	2.6	71
130	Higher-order-mode fiber optimized for energetic soliton propagation. Optics Letters, 2012, 37, 3459.	3.3	27
131	In vivo imaging of unstained tissues using long gradient index lens multiphoton endoscopic systems. Biomedical Optics Express, 2012, 3, 1077.	2.9	126
132	Three-color femtosecond source for simultaneous excitation of three fluorescent proteins in two-photon fluorescence microscopy. Biomedical Optics Express, 2012, 3, 1972.	2.9	67
133	Spatiotemporal focusing-based widefield multiphoton microscopy for fast optical sectioning. Optics Express, 2012, 20, 8939.	3.4	97
134	Time-domain multimode dispersion measurement in a higher-order-mode fiber. Optics Letters, 2012, 37, 347.	3.3	48
135	Use of a lensed fiber for a large-field-of-view, high-resolution, fiber-scanning microendoscope. Optics Letters, 2012, 37, 881.	3.3	25
136	Intermodal ÄŒerenkov radiation in a higher-order-mode fiber. Optics Letters, 2012, 37, 4410.	3.3	25
137	Fiber delivered two-color picosecond source through nonlinear spectral transformation for coherent Raman scattering imaging. Applied Physics Letters, 2012, 100, 071106.	3.3	4
138	Intermodal four-wave mixing in a higher-order-mode fiber. Applied Physics Letters, 2012, 101, 161106.	3.3	31
139	Fiber delivered two-color picosecond source for coherent Raman scattering imaging. Proceedings of SPIE, 2012, , .	0.8	1
140	In Vivo Three-Photon Microscopy of Subcortical Structures within an Intact Mouse Brain. , 2012, , .		0
141	High-energy soliton pulse generation in a photonic crystal rod and its application to three-photon microscopy. , 2012, , .		0
142	Dual Modality Microendoscope with Optical Zoom Capability. , 2012, , .		4
143	Multifocal multiphoton endoscope. , 2012, , .		0
144	Fiber delivered two-color picosecond source through nonlinear spectral transformation for coherent Raman scattering imaging. , 2012, , .		0

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145	In Vivo, Deep Tissue Three-Photon Imaging at the 1700-nm Spectral Window. , 2012, , .		1
146	Optimization of a Higher-Order-Mode Fiber for Energetic Soliton Propagation. , 2012, , .		0
147	In vivo multiphoton imaging of subcortical structures in an intact mouse brain. , 2012, , .		0
148	Lensed Fiber Raster Scanner for a Large Field-of-View, High-Resolution Microendoscope. , 2012, , .		0
149	In Vivo Imaging of Unstained Rat Tissue Using a Multiphoton Microendoscope. , 2012, , .		0
150	Simultaneous Wavelength and Mode Conversion in a Higher-order-mode Fiber. , 2012, , .		0
151	Compact & Portable In Vivo Multiphoton GRIN Endoscope. , 2012, , .		0
152	Compact and flexible raster scanning multiphoton endoscope capable of imaging unstained tissue. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17598-17603.	7.1	250
153	Tunable high-energy soliton pulse generation from a large-mode-area fiber and its application to third harmonic generation microscopy. Applied Physics Letters, 2011, 99, .	3.3	82
154	High speed multiphoton axial scanning through an optical fiber in a remotely scanned temporal focusing setup. Biomedical Optics Express, 2011, 2, 80.	2.9	29
155	Generation of Cerenkov radiation at 850 nm in higher-order-mode fiber. Optics Express, 2011, 19, 8774.	3.4	8
156	Wavelength-tunable high-energy soliton pulse generation from a large-mode-area fiber pumped by a time-lens source. Optics Letters, 2011, 36, 942.	3.3	39
157	High sensitivity third-order autocorrelation measurement by intensity modulation and third harmonic detection. Optics Letters, 2011, 36, 2372.	3.3	12
158	Fiber-delivered picosecond source for coherent Raman scattering imaging. Optics Letters, 2011, 36, 4233.	3.3	20
159	Identification of Spermatogenesis With Multiphoton Microscopy: An Evaluation in a Rodent Model. Journal of Urology, 2011, 186, 2487-2492.	0.4	39
160	Tunable high-energy soliton pulse generation from a large-mode-area fiber pumped by a picosecond time-lens source. , 2011, , .		1
161	Multiphoton imaging for deep tissue penetration and clinical endoscopy. Proceedings of SPIE, 2011, , .	0.8	0
162	Epifluorescence light collection for multiphoton microscopic endoscopy. Proceedings of SPIE, 2011, , .	0.8	0

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163	Miniaturized fiber raster scanner for endoscopy. Proceedings of SPIE, 2011, , .	0.8	2
164	Multiphoton microscopy for structure identification in human prostate and periprostatic tissue: implications in prostate cancer surgery. BJU International, 2011, 108, 1421-1429.	2.5	59
165	All fiber 1064-nm time-lens source for coherent anti-Stokes Raman scattering and stimulated Raman scattering microscopy. , 2011, , .		1
166	Novel light sources for biophotonics imaging. , 2011, , .		0
167	Instrumentation for exact packet timings in networks. , 2011, , .		1
168	In vivo two-photon microscopy to 1.6-mm depth in mouse cortex. Journal of Biomedical Optics, 2011, 16, 1.	2.6	353
169	In vivo two-photon imaging of cortical vasculature in mice to 1.5-mm depth with 1280-nm excitation. , 2011, , .		1
170	3 mm O.D. Raster Scanning Multiphoton Endoscope. , 2011, , .		0
171	Two-photon Imaging of Intracellular Hydrogen Peroxide with a Chemoselective Fluorescence Probe. , 2011, , .		1
172	Focusing of the LP02 Mode from a Higher Order Mode Fiber. , 2011, , .		1
173	High sensitivity, simultaneous second- and third-order autocorrelation measurement in a GaAsP photomultiplier tube. , 2011, , .		0
174	Technology Development for Multiphoton Imaging. , 2011, , .		0
175	In vivo two-photon imaging of cortical vasculature in mice to 1.5-mm depth with 1280-nm excitation. , 2011, , .		0
176	Generation of Cerenkov Radiation at 850 nm in Higher-Order-Mode Fiber. , 2010, , .		0
177	All-fiber, versatile picosecond time-lens light source and its application to Cerenkov radiation generation in higher order mode fiber. , 2010, , .		2
178	High Speed Axial Scanning in a Temporal Focusing Setup with Piezo Bimorph Mirror Dispersion Tuning. , 2010, , .		0
179	In vivo deep tissue imaging with long wavelength multiphoton excitation. Proceedings of SPIE, 2010, , .	0.8	4
180	Synchronized time-lens source for coherent Raman scattering microscopy. Optics Express, 2010, 18, 24019.	3.4	48

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181	Endoscope lens with dual fields of view and resolutions for multiphoton imaging. Optics Letters, 2010, 35, 2735.	3.3	13
182	Ultralong continuously tunable parametric delays via a cascading discrete stage. Optics Express, 2010, 18, 333.	3.4	27
183	Short pulse generation using nonlinear fiber optics for biomedical imaging applications. , 2010, , .		0
184	Multiphoton Modulation Microscopy for High-Speed Deep Biological Imaging. , 2010, , .		3
185	7.34-Î¼s Continuously Tunable Parametric Delay. , 2010, , .		1
186	In vivo deep brain imaging using multiphoton microscopy. , 2010, , .		0
187	Technology development for deep tissue multiphoton imaging. , 2010, , .		0
188	Technology development for deep tissue multiphoton imaging. , 2009, , .		0
189	Comparison of two-photon imaging depths with 775 nm excitation and 1300 nm excitation. , 2009, , .		1
190	Kilohertz Tunable Dispersion Compensation with a Bimorph Piezo Deformable Mirror. , 2009, , .		0
191	Tunable dispersion compensation by a rotating cylindrical lens. Optics Letters, 2009, 34, 1195.	3.3	25
192	Enhanced axial confinement of sum-frequency generation in a temporal focusing setup. Optics Letters, 2009, 34, 1786.	3.3	16
193	Generation of high repetition rate femtosecond pulses from a CW laser by a time-lens loop. Optics Express, 2009, 17, 6584.	3.4	21
194	1 Î¼s tunable delay using parametric mixing and optical phase conjugation in Si waveguides. Optics Express, 2009, 17, 7004.	3.4	37
195	Deep tissue multiphoton microscopy using longer wavelength excitation. Optics Express, 2009, 17, 13354.	3.4	567
196	1 Î¼s tunable delay using parametric mixing and optical phase conjugation in Si waveguides: reply. Optics Express, 2009, 17, 16029.	3.4	2
197	Generation of energetic wavelength tunable femtosecond pulses in higher-order-mode fiber. , 2009, , .		0
198	Dispersion Engineered Higher-order Mode Fibers for Wavelength-tunable Femtosecond Pulses. , 2009, , .		0

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199	Femtosecond Pulses with Tunable, High Repetition Rate Generated from a CW Laser without Mode-Locking. , 2009, , .		0
200	Soliton Self-Frequency Shift: Experimental Demonstrations and Applications. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 713-723.	2.9	133
201	Fiber-array-based detection scheme for single-shot pulse contrast characterization. Optics Letters, 2008, 33, 1969.	3.3	16
202	Large tunable delays using parametric mixing and phase conjugation in Si nanowaveguides. Optics Express, 2008, 16, 10349.	3.4	40
203	Experimental and theoretical analysis of core-to-core coupling on fiber bundle imaging. Optics Express, 2008, 16, 21598.	3.4	117
204	Generation of energetic wavelength tunable femtosecond pulses in higher-order-mode fiber. AIP Conference Proceedings, 2008, , .	0.4	0
205	Background Reduction with Two-Color Two-Beam Multiphoton Excitation. , 2008, , .		4
206	Tunable Dispersion Compensation by a Rotating Cylindrical Lens. , 2008, , .		0
207	Effects of core coupling in fiber bundle on imaging. , 2008, , .		0
208	Analysis and measurement of light propagation in coherent fiber bundles. , 2007, , .		1
209	Generation of femtosecond pulses at 1350 nm by Cherenkov radiation in higher-order-mode fiber. , 2007, , .		0
210	Nonlinear distortion free fiber-based chirped pulse amplification with self-phase modulation up to 2Â¿. , 2007, , .		0
211	Demonstration of soliton self-frequency shift below 1300nm in higher-order mode, solid silica-based fiber. Optics Letters, 2007, 32, 340.	3.3	77
212	Generation of femtosecond pulses at 1350 nm by ÄŒerenkov radiation in higher-order-mode fiber. Optics Letters, 2007, 32, 1053.	3.3	34
213	Generation of 35 nJ femtosecond pulses from a continuous-wave laser without mode locking. Optics Letters, 2007, 32, 1408.	3.3	47
214	Numerical analysis of light propagation in image fibers or coherent fiber bundles. Optics Express, 2007, 15, 2151.	3.4	93
215	Nonlinear distortion free fiber-based chirped pulse amplification with self-phase modulation up to 2Ï€. Optics Express, 2007, 15, 2530.	3.4	14
216	Large Tunable Optical Delays via Self-Phase Modulation and Dispersion. , 2007, , .		3

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217	Generation of energetic wavelength tunable femtosecond pulses in higher-order-mode fiber. , 2007, , .		0
218	Looped time-lens compression for generation of 3.5 nJ femtosecond pulses from a CW laser. , 2007, , .		0
219	Numerical analysis of the role of core-clad index contrast in a multicore fiber bundle. , 2007, , .		0
220	Effects of Refractive-Index Mismatch and Scattering on Simultaneous Spatial and Temporal Focusing. , 2007, , .		0
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